ABSTRACT OF THE DISCLOSURE

Disclosed is a method for correcting positioning errors of a mobile station positioning system in a CDMA mobile communication system. The method includes the steps of: delaying a PN code for a +64Chip period or a +64Chip+nChip period in a +64Chip delay element or a +64Chip+nChip delay element; combining the PN code transmitted to the MS with a PN code created by delaying the transmitted PN code for the +64Chip period or the +64Chip+nChip period in a combiner; in the MS, receiving the PN code of the specific BTS and the PN code created by delaying the PN code of the specific BTS; in a position determination entity (PDE) of the mobile station positioning system, analyzing the PN codes received from a mobile positioning center (MPC) to the MS, thereby determining whether the PN code of the specific BTS is transmitted to the MS via the repeater; and if it is determined that the PN code is transmitted, subtracting a delayed time value due to a corresponding repeater itself, thereby calculating a distance between the specific BTS and the MS in the PDE.